

FPGA Cyclone® II Family 4608 Cells 402.58MHz 90nm Technology 1.2V 144-Pin TQFP

Manufacturers	Altera Corporation (Intel)
Package/Case	TQFP-144
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP2C5T144I8N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP2C5T144I8N is an Altera Cyclone II FPGA (Field-Programmable Gate Array) device.

Features

The EP2C5T144I8N FPGA has 5,120 logic elements (LEs) and 18,752 adaptive logic modules (ALMs).

It has a maximum of 36 embedded multipliers and 288 18x18-bit embedded memory blocks.

The device operates at a maximum frequency of 250 MHz and has a total of 120 I/O pins.

The FPGA is programmed using the Quartus II development software and supports a range of interfaces such as JTAG, SPI, and I2C.

Application

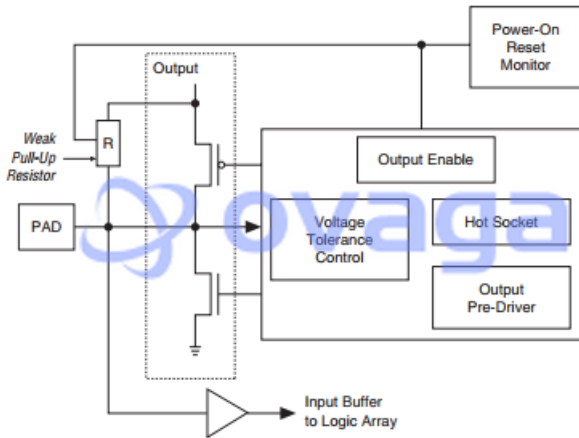
Digital signal processing

Video and image processing

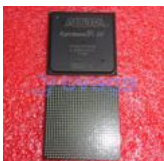
Control systems

Communication systems

Industrial automation

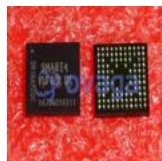


Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



[EPM240M100C5N](#)

Altera Corporation (Intel)
BGA-100



[EPM1270T144A5N](#)

Altera Corporation (Intel)
TQFP-144



[EPM570F256C5N](#)

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[EP2C35F672C8N](#)

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[EPM7128AETC100-10](#)

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[EP2C35F484C7N](#)

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FBGA-484

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FBGA-484

